

Amendments to and Listing of the Claims:

Please amend claim 1 and cancel claims 5-14 without prejudice to the filing of one or more divisional applications, so that the claims read as follows:

1. (Currently Amended) A polymer electrolyte fuel cell comprising: a hydrogen ion conductive polymer electrolyte membrane; and a pair of electrodes having catalyst layers sandwiching said hydrogen ion conductive polymer electrolyte membrane therebetween and gas diffusion layers in contact with said catalyst layers, wherein at least the catalyst layer of one of said electrodes comprises carbon particles supporting a noble metal catalyst, and said carbon particles comprise at least first carbon particles adsorbing a first hydrogen ion conductive polymer electrolyte and second carbon particles adsorbing a second hydrogen ion conductive polymer electrolyte, wherein the first and the second carbon particles may be the same or different, and the first and the second hydrogen conductive polymer electrolytes are different in size ~~and are dispersed differently.~~

2. (Previously Presented) The polymer electrolyte fuel cell as set forth in claim 1,
wherein the first and the second carbon particles differ from each other in specific surface area or DBP oil adsorption.

3. (Previously Presented) The polymer electrolyte fuel cell as set forth in claim 1,
wherein a particle size of said first hydrogen ion conductive polymer electrolyte is within a range of 30 to 200 nm when measured by a light-scattering photometer.

4. (Previously Presented) The polymer electrolyte fuel cell as set forth in claim 1,
wherein the first carbon particles have a specific surface area of 30 to 400 m²/g and the second carbon particles have a specific surface area of 400 to 1600 m²/g, and particle sizes of the first and the second hydrogen ion conductive polymer electrolytes adsorbed to said first and second carbon particles are within a range of 30 to 200 nm and a range of 200 to 500 nm, respectively, when measured by a light-scattering photometer.

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Claims 5-14 (Cancelled)